Hopton.

An Almanack and Prognostication for this year 1607. being third after leap year, commodious for many, and comendable for any.

The Conſtellations motions and ozdicall poſitions of the heauenly luminaries, ſeruing generally the South part of great Britaine: more ſpeciall the middle Townes therof, ſuch as Chester Ludlow, Worceſter, Stafford, and all Wales weſtward to the ſea ſide but moſt ſpeciall the latitude and meridian of the famus town of Shrewsburp.

Faithfully ſumputated by Arthur Hopton gent. ſtudent in the arts mathematicall & practitioner in Aſtronomy.

Sapiens dominabitur Aſtris.

Imprinted at London for the company of Stacioners.

To know when the Moone will be iuſt in the ſouth every day this yeare.

HAuing conſideration to the day of the moneth right oppoſite to the ſaid day directing your eie, (and that Right wards) vntil you come into the Mow vnder this marke, ☽, there ſhall you find the ho. and min, as the 6. of January ſhe will be ſo at 3. of the clocke and 12. minuts and you muſt vnderſtand, at the increaſe ſhe commeth to the ſouth in the Euenings and ſhineth after ſunne ſet, and then is called occident quia occidit poſt ſolem, but at the decreaſe, after the full, ſhe cometh to the South in the morning and ſhineth before ſunne riſing. and then is called oriental becauſe ſhe riſeth before the ſun is ☉.

To know the hour of night.

Firſt find (as you before be taught) at what of the clock the Moone will be South, which noted repayre vnto ſum ſunne Dial (as you would if the ſunne did ſhine) and there conſider how much the ſhadow wanteth of the 12. of clock mark, for ſo much the hour of the night wanteth of the hour of the moone being South: but if the ſhadow be paſt xii. ſo much is the hour of the day paſt the hour of the moons being South.

Exampl. the 26. of Januarie, the Moone will be South at viii. of the clock and 4. minutes: the ſame day at night I find the ſhadow of the Moone at xi. of the clock before noon, which wanteth one hour of xii. therefore it wanteth one hour of 8. and iiii. minuts, at which tyme the moone came to the ſouth 4 concludes tis paſt viii. iiii. minutes.

But if the ſhadow had lin paſt xii. you muſt haue added the ho. pointed. to the hour of the moons being south as the ſame day the ſhadow is at one after noone which added to 8. and 12. mi. makes the iuſt hour of night.

To find the ebbing & flowing in moſt coaſts of England.

Firſt for Southampton, Quinb. Portſmouth Oxford, or

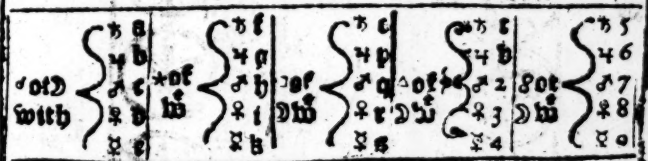
or a south moone maketh a full sea, and to finde what hower the moone will be south is shewed before.

And for other places about this kingdom, the labour is no more, but to add the hower and mi. standing after the name of the place you desire vnto the hower and mi. of the moones being south that day, according as is subscribed.

First for Gzaues end add to the moones being South the.30. for London, Tymoe, or hartlepole.3h, for Berwick or Ostend 3h.46.mi. for Seuern mouth 5. howrs 15.mi. for Lyn or Humber, 6h. Bristow 6.h.45.mi. more Townes you may resort to my last years Almanack.

A Table easie and compendious to find the aspects Syzygiall or such that the moon hath to any of the 5 planets, a thing most excellent for Phisitians, & husbandmen.

To performe this, you must consider what letters stand against the day of the month you desire to knowe the same, in the row vnder this marke ✳, hauing found the said letters in the kalender, resort then vnto this table, & it shall shewe thee what each letter there found signifies.



I would know the 26. of January ♒ what aspect ☽ moor doth be twixte any of the other planets, first in the row vnder this mark ✳ against the said 26. of Janua. I see these 4. letters, p.h.3.4, then I goe to my table, & first there in find p. which shewes a □ of ☽ with ♄, h a ✳ of ☽ ♒ ♂, 3 a △ of ☽ with 4 a △ of ☽ with ☿, or otherwise. I find it good to bleed the ☽ in ✳ with ♂ &c. first for the ✳ of ☽ with h ♂ in the table stands, h, which I look for in the foresaid row in the kalender, & where h. stood is the day of the moneth against the same, as the said aspect shall happen: and so may you find fit dayes for to minister Phisicke, plant, grasse, sow, &c. as hereafter is noted in the book.

THE ANATOMIE OF MANS

body, as the parts thereof are governed by the

12. celestiall signes.

Aries the head and face.

Taurus, Neck & throte.

Gemini Armes & shoulders.

Cancer Breast Stomach & lunges

Leo. Harte & back.

Virgo. Guttes & belly.

Libra. Reynes & loynes.

Scorpio Secrets & bladder.

Sagitarius. Thighs

Capricornus. The knees.

Aquarius. The legges.

Pisces. The feete.

Ianuary hath xxxi daies.

Now Ianus loking with a double face
int ould and new year comming on apace:
As noting well whats past, and shall insue
saies do not bleede, and phisick bid adew

					☽	☀		
1	a	New yeare day	can. 2	11	12	b		
2	b	Octa S. Steuen.	Can 14	12	0	5	28	Full moone
3	c	Octa of Iohn	can. 25	0	48			the iiii day,
4	D	Octa of Innoc.	Leo 7	1	36	9		5 minutes
5	e	Edward depos.	Leo 19	2	24			past iiii in
6	f	Twelfe day.	Vir 1	3	12	6		the morn=
7	g	Clauis Septua	Vir 13	4	0	t	3☽	ning.
8	a	Lucian Patest.	Vir 25	4	48			
9	b	Agapit virgin	Libra 7	5	36	a		
10	c	Iohn aquario	libr. 20	6	24	r	4	Last quar
11	D	S. Sond aft. Epi	Sco 4	7	12	b		ter the xi
12	e	Archade martyr	sco 17	8	0	f	is	day 41 min.
13	f	Med. comes ti	Sag. 1	8	48	p	2	after xii in the
14	g	Hillarie bishop	sag. 16	9	36	q	i	morning.
15	a	Maurice abbot	capri. 0	10	24	g		
16	b	Marcellus	capr. 15	11	12	a		
17	c	Anthon deposed	Aqua 0	12	0	h	e	
18	D	S. Son. aft. Epi.	Aqu 15	0	56	d		New moon
19	e	Moistan bishop	Pisc. 0	1	52	b		the xvii day
20	f	Octa Hilar.	Pis. 15	2	48	☽	v	24 mi. after
21	g	Agnes virgin	Pis 29	3	44	c	l	ix. at night.
22	a	Vincent mart.	Ari 13	4	40	o	l	
23	b	Ferm begins.	Ari 26	5	36	z	vig	
24	c	Timothy apost.	Ta. 10	6	36	k	g r s	First quar=
25	D	Conuers. Pabl.	tau. 22	7	20			ter the xviii
26	e	Policarpe bish	gemi 5	8	4	y	h 34	8 minutes
27	f	Quind Hilar.	gem 17	8	48			before vi at
28	g	Clauis quadr.	gem 29	9	32			night.
29	a	Valerius bishop	canc 11	10	16	5	bq	
30	b	Matild queen	canc 21	11	0	☽		
31	c	Med. goes out	Leo 5	11	24	42	9	

February hath xxviij dayes.

Saies February, still is my intent
agues to breed, mens bodies to torment,
Then if this Tyrant shall not do thee harme
thy neck and feet, especiall keep thou warm

				☽	✶	
1	D	Septuagesima.	Leo. 16	12	0	8	Full moon
2	e	Purif. of Mary	Leo. 28	0	48		the first
3	f	ated goes out.	Vir. 10	1. 36		t. 6 ☽ ☌	daay 18. mi
4	g	Gilpert Bish.	Vir. 22	2	24		after xi. at
5	a	Agathe virgin.	Libra 4	3	12	4	night.
6	b	Dorothy virgin	Lib. 15	4	0	☌. 7.	
7	c	Ingule Bish.	Lib. 30	4	48	3. 8.	Last quar-
8	D	Sexagesima.	Sco. 13	5	36	f. b.	ter the xx.
9	e	Dother Bishop	Sco. 26	6	24	r. l.	day 23. mi.
10	f	Octa purif.	Sag. 10	7	12	p. 2	after b. at
11	g	Iol in pices.	Sa. 25	8.	0	✶ 1	night.
12	a	Term ends.	Capr. 9	8.	48	8. k	
13	b	Wolfran Bish.	Cap. 24	9.	36	q	
14	c	Valentine.	Aqua. 9	10	24	e. Sperti	
15	D	Shrovesunday.	Aqu. 24	11	12	b	
16	e	Julian virgin.	Pisc. 9	12.	0	b. d.	
17	f	Shrovemunday	Pisc. 23	0	48	k.	New moon
18	g	Ashwednesday.	Ar. 7	1.	36	l.	xbi. daies
19	a	Prince H. borne	Ari. 21	2.	24	e. c.	10 mi. be-
20	b	Wilfred.	Tau. 4	3.	12	☌ occi	fore viii. in
21	c	Octima septua.	Tau. 18	4.	0	t. g. l. s	morning.
22	D	1. sund. in Lent.	Gemi. 0	4.	48		First quar-
23	e	Poli carpe Fal	Gem. 13	5.	36	p. r. 4.	ter the xxiii
24	f	Matthias Apost	Gem 25	6.	24	b.	day 40. mi.
25	g	Ember weeke	Canc. 8	7.	12	4 orient	after noon.
26	a	Nilfor mart.	Can. 10	8.	0	5. b. 3	
27	b	Augustin Bish	Leo. 28.	48		q	
28	c	Oswald Bish.	Leo. 13	9.	36	☽ ☍ ☉	

Note that the moone is called full prime, when she is iii. dayes and xviii. hours old.

What corrupt ayr or enuious chilling cold,
Doth wrong the yong, or preiudice the old
March kindly sayes, vpon the learned call
Ile lend fit times to bleed, & purge you all.

				D	☀		
1	f	2. sund. in Lent.	Leo. 25	10 24	2	9	
2	g	Cede Wilk.	Virg. 7	11 12	D ♌		
3	a	Maurice	Vir 19	12	0	t. 6. 8.	Full moon
4	b	Adrian mart.	Libra 1	0	48		the iii day
5	c	Focas & Euseb.	Libr. 14	♎. 36	0		halfe an
6	d	Victor mart.	Libr 26	2.	24		ho after iiii
7	e	Perpetue & Felic.	Scor. 9	3.	12	7. 4	in the Eue
8	f	3. sund. in Lent.	Scor. 21	4.	0	f. b	ning
9	g	40 Martyrs.	Sagi. 6	4.	48	3 6	
10	a	Equal day night	Sag 20	5.	36	p	
11	b	Gregory Wilk.	Capri 5	6.	24	2. r	
12	c	[illegible]	Cap 19	7.	12	a g l	Last quar-
13	d	Theodore mart.	Aqua 4	8.	0	q 3	ter the xi
14	e	Vltima quadra.	Aqu 19	9.	18	D ♍ μ	day 5 min.
15	f	4. sun in Lent	Pisc. 3	10	14	D ♈	past two in
16	g	Cyriack	Pisc 18	11	18	f. b h	morning
17	a	Gertrud virgin	Aries 2	12	0	r	Newmoon
18	b	Edward king	Arie 16		48	0 d	the xviii
19	c	Joseph Ma. hus	Arie 29	1	36		day 5 minu
20	d	Cuthbert	Tau 12	2	24	t c	past viii in
21	e	Benedict	Tau 25	3	12	g	the eue-
22	f	Primum Mobile.	Gemi 8	4	0	l	ning.
23	g	Theodore	Gem 21	4	48	q i	
24	a	[illegible] Reg. Iames.	Canc. 3	5	36	♋	First quar-
25	b	Annun. Ma of.	Can 25	6	24	5 b b	ter the xxv
26	c	Tudor mart.	Can 27	7	22	r	day 22 min.
27	d	Resurrec. Domi	Leo 10	8	0	x accid	past viii in
28	e	Dorothy virgin	Leo 22	8	48	q 3. 4	the morn-
29	f	Palmsunday.	Virgo 4	9	32	D ♌	ning.
30	g	Quirine mart.	Virg. 16	10	16	t 2	
31	a	Adelme.	Vir 28	11	10	6	

Equinoctium Solare

Aprill hath xxx daies

If thou diseased, sick or impotent
Doth blood abound, grose humors wouldst preuent?
Come Aprill saies, ile giue thee helpe so sure,
The learned shall with ease thy health procure.

			☽	*			
1	g	Tyeodoze	mo 11 11 30				
2	a	Mary Egypt,	lib 12		o 9		Full moone
3	b	Richard bishop	sco 16 56	0	8		the second
4	c	Ambrose Bish.	sco 20 1	52	b 7		day one mi,
5	d	After day	sag 3 2	48			after vii in
6	e	Sextus bishop	ca 18 3	144			the morning
7	f	Euphemie vir.	cap 14	24	p 4		
8	g	Egesippus.	cap 15 5	8	a 3		
9	a	Perpetuus.	ca 30 6	24	g 2		
10	b	vii. virgins.	aq 22 7	11	r 8		Lastquarter
11	c	Iohn Chrisost.	aq 0 8	8	4 q	☽ v	the ix day
12	d	Low sonday	pis 13 8	48	f i		14 minutes
13	e	Medd comes in	pis 27 9	36	b h		after viii in
14	f	Ditte	ari 11 w	24			the morning
15	g	Clauis Rogat.	ari 24 u	12	o		
16	a	Isidore Bishop	taur 8 12	0	e		New moon
17	b	Anicet. bishop	ta 21 48	0	t	d e	the xvi day,
18	c	Eleutherius	gem 31	36	c		24 minutes
19	d	2 sun after Esl.	ge 16 2	24			after v in
20	e	Quind Pas.	ge. 28 3	112	p		the morning
21	f	Simeon bishop	canc 14	0			
22	g	Leon. bepius	ca 21 4	48	5	b i	
23	a	Georgmartyr	leo 5 5	36	y	l	First quar-
24	b	Willfrid,	leo 17 6	24			ter the xviii
25	c	Mark Evang.	leo 29 7	12	r	s	day 14 min,
26	d	vltimum Pasca	vir 12 8	0	q	☽ n	before two
27	e	Tres Pas.	vir 24 8	48	t	6	in the mor-
28	f	vitalis mart	lib. 7 9	36	2	8 4	ning.
29	g	Clauis pentecos	lib 19 10	24	o		
30	a	Depo. of Erken	sco. 2 11	12			

Maie hath xxxi daies

If health and wealth saies May, thou wilt preserue
With diligence these precepts doe obserue
Rise, eate, and walke before the morning sunne
So shalt haue both when sleepy slugs haue none.

				☽	✶			
1	b	Philip. Iacob	sco	16	12	0	c	Full moone
2	c	Athanasius	sco	29	48	0	b	the first day
3	d	4 sond aft. Eas	sag	13	1	36	7 8 9	xxb mi after
4	e	mente pasc.	sa	27	2	24	a	bi in the
5	f	God rd	ca.	12	3	12	a	euening
6	g	John port lat	ca	26	4	0	g☽pri	
7	a	John of Beuer	aqu	11	4	48	2 3 4	
8	b	Apea of Micha	aq.	25	5	36	☽v	Last quar-
9	c	Weding go out	Pis	9	6	24	r	ter the bii
10	d	Rogat. sund	pis	24	7	12	tqr	day x minut
11	e	Quin pasc.	Ari	7	8	48	l	after one
12	f	☉ in Gemini,	ari	21	9	36	o ht	after noone,
13	g	Seruatius	tau	4	10	24	☿pi	
14	a	Ascension day	tau	17	11	12	t	
15	b	Craft ascentio	ta	30	12	0	g	New moone
16	c	Brando	ge	12	0	48	a e	the xb day at
17	d	6 sond after Gl	ge	24	1	36	p b	bi in the eue
18	e	Germanus	canc	6	2	52	p	ning,
19	f	Potentia	ca.	19	3	48	5	
20	g	Barnardine	leo	1	3	36	b l	
21	a	Hellen queene	leo	13	4	24		
22	b	Dr̃sider mart	leo	24	4	12	b	First quar
23	c	Cranst of Erb	virg	7	5	0	t s	ter xxiii day
24	d	Whitsonday	vir	19	6	48	t	xiiii minuts
25	e	Urbane priest	lib	2	7	36	6 qr 4	after bii in
26	f	Bede priest	lib	27	8	24	o	the euening,
27	g	Ember weeke,	lib.	14	8	12	2	Full moone
28	a	Hubert	sco	11	9	0	f t	the last day,
29	b	Felix.	sco	24	10	48	9	9 minutes
30	c	Petronil virg.	sag,	8	11	36	2	before iiii in
31	d	Trinity sunday	sag	22	12	12		the morning

Iune hath xxx dayes.

Eate, cooling heards, and fish in prayer stand
the amorous gods haue taken war in hand,
For Venus swears, Mars hath ore ruld to long
mayds now shall woe. & men shall hold their tong.

				☽		☀	
1	e	Trasit Trinita.	Cap.	7	1	0 p	7 f
2	f	Med. comes is	Cap.	21	2	48	a 8
3	g	Erasmus	Aqua.	6	3	36	34
4	a	Corpus Christi	Aqu.	26	4	24	
5	b	Term begins	Pisc.		4	12	28
6	c	Helene.	Pisc.	2	5	0	f 3
7	d	1. sun. af. Trin	Aries	4	6	48	b q
8	e	Oct Trinie.	Arie	18	7	36	0 r
9	f	Trasl Edmond	Taur.	2	8	24	
10	g	Iuan confessor	Tau	4	8	12	t h
11	a	Longest day.	Tau	26	9	0	i
12	b	Sol in Cancer	Gem.	9	10	48	g e
13	c	Ultima Pentf.	Gem	21	11	36	
14	d	2. son. af. Trin.	Canc	3	12	0 p	
15	e	Quind. Trinit.	Can.	15	0	48	5. c
16	f	Trasl Richard	Can.	27	1	36	d
17	g	Kenelph.	Leo.	5	2	24	b l
18	a	Mar. & marcel.	Leo.	21	3	12	
19	b		Virgo		4	0	☌
20	c	Trasl. Edwar	Vir.	15	4	48	0. g s
21	d	3. sunday af. Trin.	Vir.	27	5	36	
22	e	Tres trinit.	Libra	9	6	24	6. l
23	f	Vigil	Fast	Libra	27	1	24
24	g	S. John Bapt.	Scor.	5	8	0	
25	a	Term ends.	Sco.	19	8	48	k. l. 2.
26	b	Iohn & Paul.	Sag.	29	9	36	b
27	c	Terkens	Sag	17	10	24	3
28	d	4. sun af Tr. fast	Capr.	1	11	12	p s
29	e	Peter Apostle	Cap.	16	12	0	a 7
30	f	Com of Paul.	Aqua	1	5	6	3

Still still great war both Mars and Venus troubles
and Sol to exasperate them heate redoubles
Be carefull then, if venus wound thee
Hot, burning Dogdayes will confound thee.

					☽	☿			
1	g	Octa Jud. Bap.	Aqu.	1	5	26			
2	a	Visit of Mary	Pisc	13	2	48	☽	☌	
3	b	Translact Tho	Pisc.	15	3	44	☿	4	
4	c	Transl. Martin	Pisc	25	4	40	☉		
5	d	5. Lords att Trin	Arie	13	5	36	☌	☍	Laſtquarter
6	e	Oct. Pe. & Paul.	Arie	27	6	24	☿	☐	the 6 day
7	f	Tho. Becket	Tau	11	7	12	☉	☐	16 mi. after
8	g	Depoſi. Grim	Tau	24	8	0	☽	☍	two in the
9	a	Ciril B. hop	Gemi	6	8	48	☿	☐	morning.
10	b	7 Brethren mar	Gem	19	9	36			
11	c	Transl of Benet	Cane	1	10	24	☉		
12	d	6. sun att Trini.	Can	13	11	12	☽	☌	
13	e	Anacicte	Can	24	12	0	☿	☌	
14	f	Sol in Leo	Leo	6	0	48	☉	☌	New moone
15	g	Tran Swithin	Leo	18	1	36			the xiii day
16	a	Transl. Oswond	Leo	29	2	24	☽	☍	16. mi. after
17	b	Kenelm King.	Vir	11	3	12	☿	☍	8 at night
18	c	Arnolph bishop	Virg	23	4	0	☉	☐	h. l.
19	d	Nati. Re. Jaco.	Libra	5	4	48	☽		
20	e	Dog dayes beg	Libr	19	5	36	☿		
21	f	Prexedie virgin	Scor	0	6	24	☉	☌	Firſt quar-
22	g	Mary magda.	Scor	13	7	12			ter the xxii
23	a	Apolinar. Bish.	Scor	27	8	0	☽	☐	day 22 mi.
24	b	Criſtine	Sag	11	8	48			after mid-
25	c	James Apoſtle	Sag	25	9	36	☿	4	night
26	d	8. sundakt. Trin	Capr	9	10	24	☉	☍	
27	e	7. Sleepers	Cap	25	11	12			Full moone
28	f	Innit. Re. Ja. Sco.	Aqua	5	12	0	☽	37	the xxviii.
29	g	40 yeares since	Aqu	21	0	48			day 2 mi. aft.
30	a	Sampſon Bish	Pisce	9	1	34	☿	☽ ☌	viii in Eve-
31	b	Abdons & Sen	Pisc	24	2	2	☉		ning.

August hath xxxi daies

Venus triumphes, and Mars is ouerthrowne,
and Cupid as her champion stands alone,
Beware young maides, he prickech vnto lust,
if one will not, he sweares another must.

				D	☽		
1	c	Lammas day	Aries	8 3	12	b 02	
2	D	9 son aft Trin.	Ari	21 4	0		
3	e	Steuen day	Tau	6 4	48	t 4	last quarter
4	f	Feltum mass.	Ta	20 5	36	q	the iiii day
5	g	[illegible]	Gemi	3 6	24	t 3	xxxvii min.
6	a	Transchrist.	Ge	16 7	12	b s	after high
7	b	Feast of Jesus	Ge	28 8	0		noone
8	c	Ciriacke	Can	10 8	48	5 pr	
9	D	10 son aft Trin	Can	22 9	36	l	
10	e	Laurence mart	Leo	4 10	24	b i	
11	f	Tyburt martyr	Leo	15 11	12	c	New moone
12	g	Clare virgin	Leo	27 12	0	Eclip	ꝑ vii day at
13	a	Eusebius	Virg	9 0	44	t	ii minuts in
14	b	Vigil Virg.	Vir	20 1	28	9	the after
15	c	Assumption Lady	Libra	2 2	12	6	noone
16	D	11 son aft Trin	Libra	14 3	36	0 d	
17	e	Octa Laurence	Libr	27 3	50	b	
18	f	Agapite martir	Scor	9 4	36	f	
19	g	Magnus mart	Sco	22 5	24	q	
20	a	Lewes bishop	Sag	6 6	12	b l	First quar
21	b	Barnard	Sa	19 7	0	21	ter the xx
22	c	Octa Assumpt	Capr	4 8	48	p s	day 17 min.
23	D	12 son aft Trin	Capr	18 8	36	a r	before high
24	e	Bartholi Apost.	Aqua	3 9	24	p 4	noone
25	f	Lewes King.	Aqu	18 10	12	3	
26	g	Ruse martir	Pisc	3 12	0	7	
27	a	Iustin bishop	Pis	18 12	48	f	Full moone
28	b	Dog dayes end	Aries	2 1	36	b	the xxvii day
29	c	Iohn beheaded	Ari	17 2	24	p	a quarter be
30	D	13 son aft Tri	Tau	1 3	12	2 8	fore 4 in the
31	e	Cuthbuerg virg	Ta	15 4	0	t	morning.

September hath xxx dayes

Hast hurt by combating with Venus tane,
art otherwise diseased, hurt or lame
Go to the learned, September kindly saies
thou shalt haue helpe, so thou giue god the praise.

					☽	☀	
1	f	Gyles abbot	Tau	28	4 48	q	
2	g	Anthony mart.	Ge	11	5 36	g4	
3	a	Gregory	Ge	24	6 24	p	last quarter
4	b	Transl of Cuth	Canc	6	7 12	5b3s	the iii day
5	c	Bextine	can	19	8 0		xxbuii mint
6	d	14 son aft Trin	leo	1	8 48	b	after two ii
7	e	Nat B. Elizab.	leo	13	9 36		the mozning
8	f	Nat. Mabirg.	leo	24	10 24	Dapo	
9	g	Gozgon mart.	Virg	6	11 12	t c i	
10	a	Sirinus	Virg	8	12 0		
11	b	Prothe & Jacin.	Vir	30	0 48	6 e	New moon
12	c	Mattin tan	libra	12	1 36	o	the xi day at
13	d	Sol in Libra	libr	24	2 24	ꝑpi	vi in the
14	e		Scoz	6	3 12	t b	mozning
15	f	Holi crosse	scoz	19	4 0	D	
16	g	Oct of marie	Sagi	1	4 48	b1	
17	a		sagi	15	5 36	ꝑ ozi	First quar
18	b	Victoz & Cozon	sagi	29	6 24	ps	ter the xviii
19	c	January	Ca	13	7 12	a2	day 40 min.
20	d		Ca	28	8 0	g14	after vi in at
21	e	Mathew apost	Aqu	12	8 48		night.
22	f	Maur & Scot.	Aqu	27	9 36	rD	
23	g	Tecla virgin	Pis	12	10 24	f7	
24	a	Andoche	Pis	26	11 12	b 3 9	Full moone
25	b	Firmine mart.	Ari	12	12 0	o	the 25 day
26	c	Cipzin & Just.	Ari	26	0 48		6 minutes
27	d	17 son af Trin	Ta	11	1 36	t	before 11 at
28	e	Cosme and Da	Ta	23	2 24	b	noone
29	f	Michael Arch.	Gem	6	3 12	g84	
30	g	Jerom priest	Ge	29	4 0	q	

October hath xxxi daies

If thou haue health and keepe thy leste woldst so
be carefull now thou warme maist alwaies goe,
Vse actiue games, & now thou maist be bould
to take thy fill of wine, thats good and ould.

					D	✶			
1	a	Remigius	Canc	24	48	8	☽		
2	b	Leodigarius	Can	14	5	36	♌		last quarter
3	c	Candide mart.	Can	26	6	24	8	♄	the, 2. day, 2
4	d	18 sun aft Trin	Leo	9	7	12	♌	☿	minutes, aft
5	e	Apolinaris bish	Leo	21	8	0	☽	♏	7. at night
6	f	Oct. Mich	Virg.	3	8	48	☽	♍	
7	g	Marci e mart.	Vir	15	9	36	♌	♐	
8	a	Pelagy	Vir.	27	10	24	♌	♑	
9	b	Term begins	Libra	9	11	12	☽	♒	
10	c	Michaelus bish	Libr	21	12	0			new moon
11	d	19. Sun aft. Tri	Sco	3	0	44			the x. day. 37
12	e	Wilfrid virgin	Sco	16	1	28	♌	♓	minuts aft
13	f	Quind. mich.	Sco	29	2	12	8	♄	x at night.
14	g	Colin Scorpio	Sag	12	2	56	☽	♈	
15	a	Wolfran Bish.	Sag	26	3	40	♌	♉	
16	b	Mich of Monm	Cap	19	4	36	♊	♂	
17	c	Trans of Ethel.	Cap	24	5	32	♌	♋	
18	d	Luke Euang.	Aq	13	6	26	♌	☽	first quar
19	e	Frideswide	Aqu	22	7	22	♌	♃	er the xviii
20	f	Tres mich.	Pisc	7	8	18	☽	♍	day one mi
21	g	11000 virgins	Pisc	22	9	14	♌	☿	nelozetiii in
22	a	Mary Salom	Aries	7	10	16	8	♄	the morning
23	b	Romane Archb	Arie	22	11	0	☽	♎	
24	c	Magloze bish.	Tau	4	12	0	♌	♏	
25	d	21 sun aft Trin	Tau	18		48	♌		Full moon
26	e	Vrsula virgin	Gemi	1	1	36			the 24. day.
27	f	Wenl mich. fast	Gem	14	2	24	☽		35 mi. after
28	g	Simon e Jude	Ge.	27	3	12	8		c at night.
29	a	Narcissus	Can.	9	4	0	♌	♑	
30	b	German Bish	Canc	22	4	44			
31	c	Quintin	Leo	4	5	28			

November hath xxx daies

Now all the blood in mans master vaines doo run,
and reume as apt to do thee any wrong,
Then do not bleed, nor bath, nor Venus vse
Least thou thereby thy selfe to much abuse

				☽	☀	
1	M	All saints day	Leo	16	6 12	g s	Laſtquarter
2	t	Omnium animar.	Leo	28	6 56	☽	h ☾ rit ra
3	w	Traſit animar.	Vir.	10	7 30	☽ ☌	6 min. after
4	h	Lete priest	Virg	23	8 ☾	5 ☊	; at night.
5	f	Kings deliuer	Libra	5	8 48		
6	s	Leonard	Libra	17	9 36	☌ ☾	
7	s	Antilibridi.	Libra	30	10 24	☉ ☍ ☾	
8	M	23 sun. aft Trin	Scor	11	11 12	☾	
9	t	Theodore mart	Sco	25	12 ☾	☿ ☾	New moone
10	w	Triſonis	Sagi.	9	0 48	☽ apo	the ix day 29
11	h	Martin Bish.	Sag	22	1 36	♄	min. aft high
12	f	Cyranio martir.	Capr.	6	2 30	☌	noone.
13	s	Iolin tagirarie	Cap	20	3 24	☍ ☿	
14	s	Translat Erke.	Aqua	4	4 12	☾	
15	M	24 sun aft. Trin	Aqu	19	5 12	☽ ☌ ☾	
16	t	Edmund Archb	Pisce	3	6 ☾	☉ ☍	First quar
17	w	O. Elizabeth	Pis	18	7 ☾	☾	ter the xvi
18	h	Oct. of martin	Aries	2	7 36	☾ ☍	day 38 min.
19	f	Elizabeth mar.	Ari	16	8 32	☽ ☍ ☿	before high
20	s	Edmund King.	Tau	0	9 32	☽	noone.
21	s	Presen of Mar	Tau	14	10 24	☾	
22	M	25 sun aft Trin	Tau	27	11 ☾	☾	
23	t	Clement mart.	Gem	11	12 ☾		Full moone
24	w	Crisogon mart	Gem	22	0 48	♃	xxi i day ix.
25	h	Quind martir.	Can.	5	1 36	♄	min after
26	f	Linus bishop.	Can	17	2 24	☾ ☍	high noone.
27	s	Agricola	Can	30	3 12	☽ ☾	
28	s	Term ends.	Leo	12	3 56		
29	M	Aduent sonday	Leo	24	4 4	♄ ☌	
30	t	Andrew apost	Virg	6	5 28	☿	

December hath xxxi dayes

Al diet now be bould to put a part
and ſtudy to exhilarate thy hart:
by feaſting friends & neighbors to thy powr,
So ſhalt be bleſt, and contries loue procure.

			☽		☀			
1	f	Weding	Vir	18	6	12	c	Laſt quar=
2	g	Luban martyr	Lib	2	6	48	5 r s	ter the firſt
3	a	Depoſ of Oſmõ.	Lib.	13	7	50	o	day one mi.
4	b	Barbara virg	Lib	25	8	24	t	before high
5	c	Sabba abbat	Sco	8	9	12	c l	noone.
6	d	Nunaſ. abn	Sc.	21	9	48	ſ & o	
7	e	Oct Andrew	Sag.	4	10	36	b	
8	f	Concep of mary	Sa.	18	11	24	d	
9	g	Ciprian Abbot	Cap.	1	12	12	p b	New moon
10	a	Eulalia	Ca.	16	1	36	a e	the 1x day 9
11	b	Damaſc.	Aqua	0	2	24	g q	min. before
12	c	Shorteſt day	Aqu	15	3	12	i	two in the
13	d	Lucie virgin	Aqu	29	4	0	d v	morning.
14	e	Othilie virgin	Pis.	14	4	48	h u r l	
15	f	Valerie biſhop	Pſc.	28	5	36	8	
16	g	Ember weeke	Ari.	13	6	24	30	Firſt quar.
17	a	Sapientia.	Ari.	27	7	12	s	the xb. day 9
18	b	Lazarus Biſh	Tau	10	8	0	7	min. before
19	c	Venerta virgin.	Ta.	24	8	48	t 4	vii at night
20	d	4 ſun af Ad Fat	Gem.	7	9	36	g	
21	e	Thomas apoſt	Ge.	19	10	24	8	Full moone
22	f	30 martyrs	Can	25	11	12	o	the rxiii. at
23	g	Vict virgin	Can	14	12	0	5 2	ow2 in the
24	a	Adam Eue	can.	25	0	48	v 9	morninge
25	b	Chriſtmas day	Leo	8	1	36	d n	32 minutes
26	c	S. Stephen	Leo	20	2	24	13	
27	d	S. John	Virg	2	3	12		Laſt quar=
28	e	Innocents	Vir	14	4	0	g a	ter the laſt
29	f	Tho. Becket	Vir	26	4	48	t 6 4	day 21 min.
30	g	Trans. James	Lib	8	5	36		after 8 in
31	a	Siluester biſhop	Lib.	20	6	24	o i s	morning.

Hopton. 1607.

A Prognostication for this yeere of our Lord. M.D C. VII.

Instructing the Reader in many fresh and new varieties never yet published in this Volume, with briefe predications of this Revolution; argued from the probable groundes of Astronomie, and principles of Astrologie.

The whole most especially referred to the Longitude and Latitude of the worthy Towne of Shrowesburie; other some generall fitting any place, or well disposed person.

Authore ARTHVRO HOPTONO *de societate hospitij Sancti Clementis Generoso, et in artibus Mathematicis, studioso.*

Secretum secretorũ, tu operans sis secretus horum.

Imprinted at London for the Companie of Stationers.
1607.

To the beneuolent

Reader, health.

KInd Reader, warrented by thy wonted fauours, I continue yearely to deliuer into the World the fruites of Tyme, begotten in the idle howers of vacancie: If they seeme gracious in thy eyes, I am contented at the heart: I sent them to be nurſed with your good Conceites. But the world is full of Aſpicke tongues, and many curious eyes are a fiſhing. The beſt therefore are in danger to be ſtoung with poyſonous Cenſures, and to all, a genetalitie of Carps is to be expected. Free from which I neither wiſh, nor hope to be; for ſo to do, were to deſire to be out of the ſight of moſt; becauſe in theſe dayes, it is the faſhion of many, not to read and vnderſtand, but to read and find fault, though they do not vnderſtand: Of ſuch, I neither can, nor will intreate a kind cenſure; let other Writers, as borrow matter, begge applaudities, for I hold it no part of praiſe, to be praiſed of the multitude of meane mecanicks, that are but onely of themſelues conceighted wiſe. But to conclude, leaſt I make the gates too wide for the Cittie, I referre my laboures to the beſt iudgement of the indifferent, hoping if they ſee cauſe, they will continew the good lyking, as my former labours haue founde at their handes; and then I ſhall be happie. And as for the reprehenders, I wiſh them to read till they vnderſtand; and when they vnderſtand, to find fault, and not before; leaſt iudging too raſh, they reprehend without cauſe: whereby the greeued, vpon iuſt occaſion, returnes the ſcandelous indignitie that they would haue giuen others, with an open diſgrace into their owne throte.

Vel volo, vel velem.

Ar. Hopton.

Notes of our Computation, and the Forraine.

Our Computation.	New computation.	
12. The Golden number.	Golden number.	12.
20. The Cycle of the Sunne.	Cycle of Sunne,	20.
5. The Roman Indiction.	Inductio Romana.	5.
12. The Epact.	Epact.	2.
D. Dominicall letter.	Littera Dominicalis.	G.
xvii. February Quadragesima.	March.	iiii.
v. Aprill Easter day.	Aprill.	xv.
viii. May Ascention day.	May.	xviii.
xviiii. May Whitsunday.	June.	iii.
xvii. November Advent Sunday.	December.	ii.
Weekes xxv. betweene Trinitie and Advent.	xviii. weekes.	

Betweene Whitsunday & Midsommer, are iiii. weekes iii. dayes.

A necessarie Table for expences.

	by ꝑ day, is	Weeke.	Moneth.	Yeere.
A Farthing		i.d.ob.q.	vii.d.	v.s. viii.d.q.
a halfepeny		iii.d.ob.	xiiii.d.	xv.s.ii.d.ob.
A Penny		vii.d.	ii.s.iiii.d.	xxx.s.v.d.
ii. Pence		xiiii.d.	iiii.s.viii.d.	iii.li. x.d.
iii. Pence		xxi.d.	vii.s.	iiii.li.xi.s.iii.d.
iiii. Pence		ii.s.iiii.d	ix.s.iiii.d.	vi.li. ii.s.vi.d.
v. Pence		ii.s. xi.d	xi.s. viii.d.	vii.li. xii. s. i.d.
vi. Pence		iii.s.vi.d	xiiii.s.	ix.li. ii.s. vi.d.

A Prognostication of expenses.

Who gets a Groat a day, and in a day it spendeth,
May long time liue, tho little haue, what euer he intendeth:
who in a day doth get a groat, & of his groat doth two pence spend
May quickly thriue, and somewhat get, to giue vnto his friend:
But he that spends a Groat a day, and earneth but two pence,
Shall claw a Begger by the eare, what e're was his pretence.

A Computation of the Seuen ages of the world, for this present yeere 1607.

From the

Creation vnto the Flood.	1656.	First age.
Creation till this yeere is,	5569.	
Flood till this yeere, are,	3913.	
Flood to Abraham is.	292.	Seconde age.
Birth of Abraham to this yeere,	3621.	
Birth of Abraham til the departing of the Israelites out of Egypt.	503.	Third age.
Departing of the Israelites till this yeere,	3116	
Departing of the Israelites vntill the building of the Temple,	482.	Fourth age.
Building of the Temple till this yeere.	2636	
Building of the Temple till the Captiuitie of Babilon,	414.	Fifth age.
Captiuitie of Babilon till this yeere,	2247.	
Captiuitie of Babilon til the birth of Christ,	614	Sixth age.

The Seuenth age beginneth at the birth of Christ, and hath continued. 1607. yeeres at the. 25. of March: and so foorth, to the pleasure of GOD.

Note

A Note of the distances of the Sunne and Moone from the Earth, and of the bignesse of the fixed Stars, & of the Dogdayes.

When we measure any thing, we must haue the quantitie of some knowne thing giuen, whereby the vnknowne is measured; as we measure the Yarde by the Foote, because we know how much the Foote is: So the Heauens cannot be measured, but by the Diameter of the Earth, which is knowen: and therefore may we call the Diameter of the Earth, the Yarde, &c. to meate the Heauens with: the Semi-diameter whereof, containes 3436. Italian myles and $\frac{8}{11}$ of a myle.

Now I say, the true distance of the Sunne &c. hath been lately published false, because the Sunne commeth not so neere to the Earth in this age, as he did in time of Ptolome, (whose obseruation they follow) by 11. Semi-diameters of the Earth; I meane, when he is in Longitudo proprior; for vnderstande, when ỹ Sunne is in Apogæon (as in June) he is further off the earth by 14. Semi-diameters, then he is in December, being in Perigæon. So is the Moone neerer the Earth in her quarters and least altitude, then she is at the full or coniunction, being in her greatest altitude: & some times further off the Earth at her quarter, then when she is in ỹ coniunction, &c. as is after set downe: therefore one Dimention will not serue for to expresse the height of the Moone or Sunne, as is well demonstrated by Copernius; so of th'o. her Planets.

June 22. } the Sunne is distant } 1118. } Semi-diameters
Decem 21. } frō ỹ face of th'earth } 1104 } off the Earth.

The Moone in her { greatest alti. / least altitude } in ☌ or ☍ { is distant from the face of the Earth } 64 / 54
The Moone in her { greatest alti. / least altitude } in □ { is distant from the face of the Earth } 67 / 51 } Semidiamet. of the earth.

Therefore in the wandring Starres, the Philosophicall Axiom (Stellæ æquæ distare à centro terræ) doth not hold.

There be five Magnitudes of Starres appointed by the Astronomers: and I doe feele them thus, the called Nubeculæ obscuræ, &c. and the least of those Starres be greater then the Earth.

Starres of the	first	Magnitude containeth the Globe of the Earth.	107. 1/6.	as the Lyons heart.
	second		90. 1/3.	as the Swans tayle.
	third		72. 1/2.	the right wing of Virgo.
	fourth		54 11/12.	as the North Asellus.
	fifth		36 1/2.	as most of 7. Starres.
	sixth		18. 1/10.	as the heart of ♋ doth.

Now followeth the Planets, compared to the Earth.

Sol	containes the Earth	166.	times.
Iupiter		95.	
Saturne		91.	
Mars		2.	

The Earth containes	Venus.	39.	times.
	Mercury.	3143.	
	Luna.	40.	

The body of the Sunne conteynes the body of the Moone 6600. times.

Many differ in the placing of the Dogdayes in the Kalender, the reason is, because they follow olde Kalenders; since whose Calculation, the Starres be removed, by reason of the motion of the 8. Spheare: by the precession whereof, the Starres have lost their olde places, which in Ptolomes time they had; for Spica Virginis in Ptolomes time, was in the 26. of Virgo, which now is in the 18. of Libra; and so is Canis-maior altered much. For in the time of Hippocrates the Philitian, who lyued before Christ 400. yeares, the Dogdayes began the viii. day of July. In Auicennas time, who lived Anno 1100. they began the 16. of July: in our Countrey they began at S. Iames day: but the time we should begin them, is when the Sunne is neare vnto

Canis

Canis-maior, whereon they take their name; for Canicula is a faire Starre in the mouth of the Dogge, with whom when the Sunne is ioyned in the middeſt of the Heauens, begynnes our Dogdayes: the nature of which Starre, is byting like a Bitch, hotte and boyling: and at the meeting of the Sunne and this Starre, the heate of Sol is ſo hot and violent, that mens bodyes ſweate at midnight as at noone. Who ſo is ſicke, or hurt at this time, is farre worſe, and nearer death, then at other times. In theſe dayes, all venemous Serpents creepe, flyeth, and gendreth. Their beginning and ending, is noted in the Kalender

Carda: *Canicula maria ac terras et animantium omne ferme genus concutit.*

The Caniculer dayes doe ſhake & torment the earth, Seas, and welneare all kind of liuing creatures.

Idem: Vix fiat, vt ſub ortu Caniculæ ficcitas et morbi nonſiant:

It is ſcarce poſsible that Sickneſſe, &c. ſhould not be, &c. Vnto which Stadius addeth many more eminent dangers.

From foorth the Kalender, may you colect theſe Elections. And firſt:

Elections Medicinall or Phiſicall.

FIrſt, vſe not Phliſicke or Phlebotomie, in the Caniculer dayes; nor in the coldeſt of Winter, or heate of Sommer: Extra caſum neceſſitatis.

The Moone in ♋ in ✶ ▵ with ☿. ☽. ♃. Purge Choler ☿ not Combuſt, Purge the Phlegmaticke, Purge the Melancholy, } with Electuaries.

The Moone in ♏ in ✶ ▵ with ♀. ☽. ♃. Purge Choler ♀ not Combuſt, Purge Phlegme, Purge Melancholy, } with Potions

The Moone { ♀. purge Choler Venus not combust } with
in ♈ in ✶ or { ☉. Purge Phlegme, } Pilles.
△ with { ♄. Purge Melancholy, }

The Moone { ♀ Purge Choler as before, } with
in ♎ or ♒, { ☉. Purge Phlegme, } any
in △ or ✶ { ♄. Purge Melancholy, } Medicine.

Generally in all Medicines, take heed least the Moone be in any of the Signes as shewth Ptud, as Aries. Taurus and Capricorne: for then the Medicine will stay but little with the Patient, causing him to vomite: but if your intention were to Purge by Vomiting, it is a time therunto provocative.

Elections Phlebotomicall.

FOr the enactuation or letting of Blood when great occasion shall be, know that there be Signes and Seasons, deputed and thought convenient for the same, by the diligent Astrologian, that hath spent long contemplation in the motion of the heauenly bodyes: as followeth.

For Complexions.

Let Blood the { Phlegmaticke / Melancholy / Cholericke / Sanguine } { in all part / the Moone in } { Aries or Sagittari. / Libra or Aquari. / Canc. Scor. or Pisces / any aboue sayd. }

With this prouiso, Luna signum membrū dominans; or agrante, Sanguinem ne extrahito: the Moone not in the Signe ruling the member cut.

For the Patients age.

In Youth, from the Change to the First quarter.
In Middle age, from the First quarter to the Full.
In Old age, from Last quarter to the Change.
Being aboue xiiii. or vnder fiftie fiue, else let not blood.

Time of the day.

Aboue after Sunne rising, or after the Moone perfect digestion being made, the Ayre temperate the blood not South.

Time

Time of the yeere.

Spring good, Harueſt indifferent.

Time of the Moneth,

Let not blood { the Moone in Gemini, Leo, Scorpio, alij Dicunt. &c. vp. / two dayes before and after the Change. / xviiii. howers before and after the Full. / xii. howers before, & after the Quarter. / Other dayes be accidentally infortunate. } Quia tum mutetur totus ſtatus naturæ.

After bleeding preſently { ſleepe not, nor company women. / vſe no violent motion. / any euill diet eate not.

Euill Aſpectes to bleed vnder.

The Moone in Coniunction vñ { Saturne / Mars / Venus / Mercury } { let not blood the day before and after. / let not blood, Dum tamen Venus combuſta ſit.

The Moone in Oppoſition with Saturne and Mars, forbids the day before and after.

The Moone in Quadrat with Saturne, let not blood, till Saturne be 8. degrees elongated: Melius eſt poſt Aſpectum quam ante.

Good Aſpectes,

The Moone in any Aſpect with { Iupiter or Venus, } { Quomodo Planetæ non ſunt Combuſti.

The Moone in Sextile or Trine with { Mars / or Sol, } Good to let blood.

Elections of Bathing.

BAthes be vſed either for the cauſe of ſanitie or health; or for cleanlyneſſe ſake: the fitte times for either, followeth.

For Cleanlineſſe.

The fitteſt time is the Moone in Libra or Piſces, beholding with a Sextile or Trine } Venus.

But if they be vſed for health, you muſt well conſider, if the ſickneſs be dry or moyſt: & for either, obſerue the following rules.

For

A Prognostication.

For Health.

For moysture, the Moone in Aries, Leo, or Sagittarie; in Sextile or Trine with Sol or Mars.

For dryneſſe, the Moone in Cancer, Scorpio, or Piſces: in Sextile or Trine with Iupiter or Venus.

Elections for Purging.

The Moone in { Cancer, Scorpio, Piſces, } purge with { Electuaries, Potions, Pilles, } being not euill affected by Mars or Saturne.

The Moone in { Cancer, Leo, Virgo, / Cancer, and Aries, / Aries, Taurus, Capric. / Aries, Libra, Scorpio. } vſe { Meeſinges. / Gargariſmes. / Vomites. / Glyſters. }

Elections for Alblactation, or weaning Children,

If for delicatneſſe, take the Moone in Gemini, Virgo, Libra, or the firſt halfe of Sagittary, in ſome good Aſpect with Venus.

For couetouſneſſe, take the Moone in Leo aſpected with Mars.

To be good husbandes, to be buſie in the commodities of the earth, let the Moone be in Taurus, Virgo, or Capricorne: well affected with Saturne.

The Moone without any aſpect, and farthest off the Sunne, makes them forget the Nurſe.

The Moone in Libra or Taurus, take not Children from the Nurſe: Tum enim naturaliter infans munere deſiderant apud Nutrices.

Elections for mariage and wooing.

The Coniunction, Sextile, Trine, or any Aſpect of the Moone with Venus, is good to wooe &c.

But for Mariage, Mars muſt caſt good beames to Sol, and ſo muſt Iupiter.

Vniuerſally the Moone in Cancer, Scorpio, and Piſces, in coniunction or Trine with Iupiter or Venus, be happy dayes in amorous affayres.

To ſet Children to Schoole.

The Moone increaſing, and in Gemini, Virgo, Libra, or the latter part of Sagittarie, is fit to deliuer precepts to Children.

Hab-

Husbandicall Elections.

BEfore you Plant or Graffe, conſider the Winde: for if it be in the North or Eaſt, ceaſe thy labour, becauſe the North windes be colde and dry, rayſing lyghtning and ſnow, &c. which noted.

Generall, Plant or Graffe in the ending of Autumne, or beginning of Spring: eſpecially the Moone increaſing, in Taurus, Virgo, Capricorne or Piſces.

Fell Timber from Midſommer to Chriſtmas: ſpecially from the Change to the Full in dry dayes, not in wet & windy: leaving ſuch as be winde fallen, as well for that the Timber is not permanant, as alſo for that Aſtrologians ſay, the Houſes buylt therwith, are ſubiect to danger in time of tempeſtes.

Fell Coppice in the firſt quarter, the Moone in Aries or Libra.

Sheare Sheepe in the increaſe.

Gather Fruite, &c. at the Full.

Libbe and Geld all the increaſe, ſpecially the Moone in Aries, Sagittari, or Capricorne.

Remoone Trees all the Laſt quarter in November, September, or Februarie, ſpecially the Moone in Aries, Libra, or Scorpio.

Cut Vines in Februarie or September, ſpecially the Moone in Aries, Libra, or Scorpio.

Sow Seedes whole fruite will be round, three or foure dayes before the Full.

But to ſow for ſtore, take the increaſe, from February to June.

Husbandicall Aſpectes.

The Moone in Taurus, Cancer, Virgo, or Capricor. in Sextile or Trine with Saturne, is a fit time to Plant, Graffe, or to do any kind of Husbandry.

The like is, the Moone in Aquarius, in Sextile or Trine with Iupiter or Venus.

To finde what day any of all theſe foreſayd Aſpects happeneth on, is ſet downe before my Kalender.

Characters of the 7. Planets.

♄ Saturne, ♃ Iupiter, ♂ Mars, ☉ Sol, ♀ Venus, ☿ Mercury, ☽ Luna.

The

A Prognostication,

The 12. Signes thus.

♈ Aries, ♉ Taurus, ♊ Gemini, ♋ Cancer, ♌ Leo, ♍ Virgo, ♎ Libra, ♏ Scorpio, ♐ Sagitari, ♑ Capricornus, ♒ Aquarius, ♓ Pisces.

The Aspectes.

A Coniunction thus ☌. Thus a Sextile ⚹. A Trine thus △. Quadrature thus □, Oppositiõ thus ☍.

Figures

1 2 3 4 5 6 7 8 9 10 11

One, two, three, foure, fiue, sixe, seuen, eight, nine, ten, eleuen.

Note, you may performe any dimention Astronomicall or Geometricall, by my new Geodeticall Staffe, (without Arethmeticke) made by M. Read in Hosier lane.

Of the Eclipses of this yeare. 1607.

On the xvi. of Februarie this present yeare, so shall the Moone conuey her darke body, betwixt the Sunne & vs, being seated neare the Dragons tayle, that a moment before viii. of the clocke in the morning, we shall lose the glorious sight of some part of the South side the Sunne: we shall perceiue the shadow to enter his body on the West side 50. minutes, 40. seconds before eight: and after viii. dermnish till 50. minuts 40. seconds, so end. The whole duration will be one houre, 41. min. 36. seconds He shall be darkened 3. deget. 31. minutes, and no more: for that the apparent latitude of the Moone is greater then her apparent Semidiameter: which when it so happens, the Semidiameter of the Sunne can neuer be darkned.

About v. of the clocke after noone on the iii. of March, the Moone shall be darkned some small quantitie: which cannot be seene in our Horizon.

In like maner the vii. day of August, about two of the clocke after noone, the Sunne shall be Eclipsed to xi. poyntes to such people as inhabite in the South part of America, (where Brasile wood doth abound:) the longitude whereof, contayneth 336. partes, latitude 16. South. This will be a fearefull Eclipse to them, for there the apparent Semidiameter of the Moone is greater

greater then her apparent latitude, wherby far more then half the Sunne must needes be darkned: but we shall see no part thereof.

The xxvii. of August, the Moone being seated neare the Dragons tayle, shall lose some part of her light on the North side: She shall begin to be darkened on the East side 50. min. 55. sec. after one in the morning, and increase till 2. min. 37. sec. after iii. so about a quarter of an houre after iiii. she will be cleane out of the shadow of the Earth. She shall be darkened v. poyntes ii. min. The whole duration will be two houres, 25 min 26. secon. In the time of which Eclipses, the longitude of Countryes may be obtayned: Read Apian de Cosmog. Cap. 10.

As for the totall Eclipses of the Moone, they be either totall without continuance, which chanceth when the latitude of the Moone, and the Semidiameter of her body being both added together, the summe thereof is equall to the Semidiameter of the Earth. Or totall with continuance, which alwayes commeth to passe when the Semidiameter of the shadow of the Earth in the place of the Eclipse, is greater then the latitude of the Moone, and her whole bodily Semidiameter. They both being added togeather, as appeares by the Figure where A H is. The Ecliptick R T. The way of the Moone, and the enterlection of r v. & R T. Her latitude in her greatest darknesse, which added to her Semidiameter, is not so great as the Semidiameter of the shadow of the Earth: which r v representh the whole Diameter of the shadow.

Some have asked why the other Planets be not subiect to the shadow of the Earth, and thereby to be Eclipsed: The reason is, because the shadow of the Earth reacheth not so high as any of the three higher Planets: And for Venus & Mercury, their place is alwayes so nigh to the place of the Sunne, as they cannot be eclipsed at any time, for Venus is neuer elongated aboue 47. deg. 16. min. and Mercury 23. deg. 30 min. from the Sunne.

Of

Of the foure Quarters of this yeere 1607. and first of Winter.

WInter, the most phlegmaticke part of all the yeere, doth begin the last yeere 1606 at iii. of the clocke iiiii. min. pl. secon. after noone, which according to the Orbicall positions and applications of the supreame configurating Luminaries, denotant vnto vs, a cloudy and darke Quarter, with much snow: and whereas Saturne is predominating, and accompanied with Mercury, in the house of Mariage, Women, Warres, banishment, buying and selling, &c. There is good successe portended vnto such as deale in the commodities of the Earth: But as it is the house of Death, in respect of his Opposition to the first, there is insuing Warre to be feared, death of Women with child, and men of middle age, &c. Whereas the Moone is Lady of the Ascendant, & associated with Venus in the house of Children, it followeth, that many Mayds shall prooue inconstant, yet too often subiect to ♀ sweet influence of Venus delights, specially such as be in constitution a litle phlegmatike, hauing round faces, faire & white: but for their credite, let vs pray Mars may run Retrograd, when he should come into coniunctiō.

A cold and moyst Winter is profitable, yet too much cold destroyes such tender Trees as reioyce vnder a warme Clymate: a warme and moyst Winter is vnholsome, and an enemie to the Sowers: but reasonable store of snow, rankens the Fieldes; to which this Quarter will consent.

If *Saturne* tendring such as plough and sow,
Let fall cold heepes, and mighty flakes of snow:
Yet blame him not, tho hurt thereby befall,
Twas for the best, he loues the Ploughmen all.

But what shall we conceaue of the Eclipse this Quarter in Februarie, vnlesse with Messahala say, Cum fuerit Sol Eclypsis, non potest fieri, nisi Deo aliter operante, quin significatur aliquid magnum accidens. Bosco, The Summe Eclipsed in the first face of Pisces, Fluuios exicat, maritima infortunat. But let vs hope that

that Paruæ Eclypſes parum nocent, et in pauca operantur. The Aſtrologie finding Saturne Lord of the Coniunction, placed in the x. Houſe, Mars neare the Cuſpes of the Horoſcop, and the Eclipſe in the xii. Houſe there, accompanied with all the other Planets, giue vs apparent warrentiſe, to pronounce Diuturnall ſickneſſe among men; as Conſumptions, Catharriſmes, abounding of Humours, Fluxes, & quartane Feuers: in the life, baniſhment, pouertie, want, eſpecially to Young-men & Schollers; but more ſpecial to ſuch as be vnder the 4. Quadrangle, in whoſe natiuities the Sunne & Moone were predominating, & in whoſe Aſcendant was the xvi. of Aries, the ix. of Capricor. culminating.

Alſo, ſome want of Cattle, ſickneſſe to thoſe we haue, and contagions to ſuch we eate. In the Ayre it notes great cold, Miſt, thicke and darke Cloudes, much Snow, and that pernitious. On Sea cruell Tempeſtes, Shipwrackes, hard ſayling, penurie of Fiſh: exundations of Riuers, and deprauation of Waters. On Earth want of Fruite, and many other things fitte for mans vſe: The effect whereof, beginneth in the beginning of June next, continuing one yeare and a halfe.

The Regions ſubiect to this Eclipſe, are, Calabria, Portugall Normandie, Phazania, Nazomonitide, Garamantes, Lydia and Pamphilia: The Cities be, Alexandria, Sibilia or Hiſpalim, Compoſtella, Parentia, Rothomagus, Wormatia, Ratsbon. &c.

Non quid Ariſtoteles vel quiuis dicat eorum:
Dicta nihil moror, à vero cum forte receduat.
Magni ſepè viri mendacia magna loquuntur.
Nec quiſquam eſt adeo ſagax, quin ſæpius erret.

Of the Spring.

This Quarter, which we commonly call the Spring, taketh his beginning the xi. of March, at one of the clocke xxii. min. iv. ſecon. for then the Sunne, other times mouing on excentricke Poles, hath betaken himſelfe to his meane motion, whereby his body is caryed about concentricke to the common center of the

worlde,

world, causing the dayes & nights to be of one length through the whole world. And heere beginneth a new Solar yeare: which in the beginning is like to produce warme: hurt to Corne is to be feared, with other chinges springing on the Earth, especially to the Northerne Regions: but to the Southerne there is forethewne great heat of the Sunne: mutations and diversities in the Ayre with likelihood of an Earthquake: in the end of the yeare much Snow, and more Frostes: Jarring among Kinges, and contention for Offices. But these, Doctis relinquimus excutienda, cum non absque periculo mysteria eiusdem interpretari liceat: but yet as the Sunne is seated in the ix. House, &c. we have good reason to judge of the true worshiping of God. &c of Kinges, and great men.

A warme and moyst Spring is commendable: If the Spring be dry and something warme, there shall be but little Fruite, yet very good: If cold, the Fruite will be rotten, and slow or never come to be ripe.

Of Summer.

This, the seconde Astronomicall Quarter, vulgarly called Summer, taketh his beginning the xii. day of June xi. min. vii. seconds after ix. in the morning: whereby I gather, many Sicknesses will trouble Children, specially in the Stomacke, Liuer, Heart, Sinewes, Sides, and Backe. For Cattle indifferent. Corrupt Windes, likely to engender unholsome and sore Sickneste to many. More confidence then hath been, among Souldiers: helpe & Martiall ayde of Kinges: swarming among familiar friends for women: many Souldiers specially on foote.

Much raine in Summer putrifies the Fruites, and there shall be no great store of Graine: Many Sicknesses will follow. If it be over dry, it argueth scarcitie in all maner of Graine: the Summer Fruites will be holsome: Fishes shall die. If over hot, there will be many Sicknesses, and great store of Summer Fruite. If (to conclude) it be cold, the yeare will be holsome: but the Fruites will be late: so the Elements must be well temperated, else the Earth cannot be fruitefull.

But

But what may the two Eclipses in August this Quarter portend, (sayth Heremes Mercurius Trismegistus? Apho 53. Fiunt in mundo multa incommoda, quando erit in vno Mense vtrisque luminaris Defectuum. Touching the Eclipse of the Sunne, because he cannot be obserues with vs, we will onely giue a briefe note of that of the Moone: which as it is little, so the effectes can not be great. And heere I am against Heremes: for this Eclipse doth foreshew all thinges vnto the best; as reuerence in Religion, sayth in Princes plentie of Graine, much Fruite, and generall good in all thinges: which were the greatnesse answerable to the goodnesse, happely it might produce a notable yeare; specially to such in whose natiuitie the 17. of Leo was Ascendant, & the first of Taurus Culminating. Yet Bosco sayth, the like Eclipse to this, denotates the death of some great Man, &c. The Countries and Cities subiect hereunto, be rehearst before.

Of Autumne.

AVtumne, the most profitablest time in all the yeare, taketh his beginning the xiii. of September xiiii. min. and xiii. secon. after. ix. at night: and now the dayes be againe of one length as they were in the Spring. The xii. of this moneth the Constellation of Arcturus ryseth, which Ptol. sayth, causeth ofter Raine to ensue: and within two dayes after the same, Swallowes are no more then were seene: Stad. Videmus hirundines Cateruatim recidere ex ortu Arcturi matutino: We may see Swallowes flie away by companies at the Gosmicall rysing of the Starre Arcturus. According vnto Hipo, Autumne taketh his name ab Arcturi, of his morning rysing, during vntill the vespertine rising of the seauen Starres.

A cold and dry Autumne, is laudable: much moysture doth putrifie the Vines. The beginning very dry, Erit eo anno penuria Milij: the last part moyst, shewes penurie of Fruite the ensuing yeare: if the first part be hot, it will be full of Sickneese: if too cold, it is hurt to Fruite vngathered. My coniecture you may read at large in the dayly disposition of the Ayre.

A Prognostication.

A superficiall Coniecture of the temperature of the Ayre each day this yeare.

Nun quid coniungere valebis micantes Stellas Pleiadas, aut Gyrum Arcturi poteris dissipare.
Iob. 38. Verse. 31. et 32.

Ianuarie.

Dayes.	Sunne rysing. Ho. min.	Length of day. Ho. min.	Length of night Ho. min.	Sunne setting. Ho. min.
First.	viii. 9.	vii. 42.	xvi. 18.	iii. 51.
xii. day.	viii. 51.	viii. 16.	xv. 44.	iiii. 8.
xxi. day.	vii. 37.	viii. 46.	xv. 14.	iiii. 23.

The first day faire. ii.iii.(☌ ♄ ☿) snow or raine. iiii. wind v.vi. vii viii. better temperated, warme for Winter. ix.x.xi. snow or raine. xii. a troubled ayre. xiii. & xiiii. a more pleasing temperature. xv. xvi. xvii. moyst, the likest to be some snow. xviii. o'r windes. xix.(✶ ☍ ☿) faire. xx. xxi.(☌ ☉ ☿) windes. xxii. xxiii. xxiiii.(☌ ♀ ☿) ods blustering weather. xxv.(✶ ☍ ☉) xxvi. xxvii. somewhat pleasing. xxix. some cold fall. xxx. faire. xxxi. clouds mooning twixt darkes.

Februarie.

dayes.	Sunne rysing. Ho. min.	Length of day. Ho. min.	Length of night. Ho. min.	Sunne setting. Ho. min.
ii. day,	vii. 15.	ix. 30.	xiiii. 30.	iiii. 45.
xi. day,	vi. 57.	x. 6.	xiii. 54.	v. 3.
xx. day,	vi. 38.	x. 44	xiii. 16.	v. 22.

The first day wet. ii. iii. iiii. v. seeming to be fayre. vi vii. viii. (□ ♄ ☽) and ix. more winterlike. x. xi. faire. xii. xiii. xiiii. xv. xvi. oft disposed to raine, if not snow on the xiii. xvii. fayre. xviii. (☌ ☉ ☿) xix. xx. wette and some windes. xxi. xxii. xxiii. (☌ ♃ ☽) xxiiii. reasonable faire, vnlesse Venus hurt the xxiii. day. xxv. xxvi. some winterlike weather. The last dayes faire.

March

March.

Dayes	Sunne rising. Ho. min.	Length of day. Ho. min.	Length of night. Hor. min.	Sunne setting. Ho. min.
i. day,	vi. 19.	xi. 22.	xii. 38.	v. 41.
x. day.	vi. 0.	xii. 0.	xii. 0.	vi. 0.
xviii.	v. 35.	xii. 50.	xi. 10.	vi. 35.

The i. day some low windes. ii. iii. temperated by Iupiter. iiii. v. vi. raine and cold. vii. viii. indifferent faire. ix. (✶ ♄ ♃) reasonable windy. The x. Arcturus riseth verpertin: during 12. dayes, sayes Pto. & Sta. Windes blow Southwest, with raine, & show, or hayle; and then Swallowes begin to aduolat or come to Countrey. xi xii. cold raine. xiii. (✶ ♄ ☿, ☌ ♃ ☿) great winds. xiiii. xv. xvi. faire and little warme. xvii. xviii. march stormes. xix. xx xxi. more pleasing dayes. xxii (□ ♄ ☿) cold raine. xxiii. xxiiii. more delighting. xxv. xxvi xxvii. xxviii. (☌ ☉ ☿) xxix. xxx. xxxi. ore weete & great windes, specially the xxix. and last windy.

Aprill.

Dayes	Sunne rysing. Ho. min.	Length of day. Hora. min.	Length of night. Hora. min.	Sunne setting. Ho. min.
First.	v. 16.	xiii. 28.	x. 32.	vi. 44.
x. day,	iiii. 57.	xiiii. 6.	ix. 54.	vii. 3.
xxii. da.	iii. 34.	xiiii. 52.	ix. 8.	vii. 26.

The i. day fayre. ii. iii. (✶ ♃ ☾) iiii. April shewers. v. vi. vii. fayre. viii. ix. x. (☌ ☿ ☿) wind and moysture. xi. xii. and xiii. faire and warme. xiiii. (△ ♄ ☿) xv. xvi. (△ ♄ ☿) many little shewers. xvii. xviii. sweete shewers. xix. xx xxi. (✶ ♃ ☿) fayre. xxii. xxiii. (✶ ♃ ☿) xxiiii. faire and pleasing. xxv. raine to bring grasse. xxvi. xxvii. xxviii. warme weather. xxix. xxx. raine.

May.

i. day,	iiii. 36.	xiiii. 48.	ix. 12.	vii. 24.
xi. day,	iiii. 3.	xv. 54.	viii. 16.	vii. 57.
xxi. day	iii. 51.	xvi. 18.	viii. 42.	viii. 9.

A Prognostication.

The first day faire. ii.(☌☿☿)iii.litle wet. iiii.faire. v.vi.(☌☿☿)moyst winds. vii.viii.faire. ix.x.now & then raine, at the least cloudy. xi.xii.(☌☽☿) cold raine. xiii.xiiii.xv.faire & pleasing. xvi.xvii.sometime windes driving clouds, vi shewers. xviii.fayre. xix.(☌☉☿)winde and raine. xx.xxi.xxii. warme. xxiii.xxiiii.racking cloudes. xxv.temperate. xxvi.wet. xxvii. xxviii.fayre, no more shew of much raine this moneth.

June.

Days.	Sunne rysing. Ho. min.	Length of day. Hor. min.	Length of night. Hor. min.	Sunne setting. Ho. min.
ii. day,	iii. 41.	xvi. 38.	vii. 22.	viii. 19.
xii. day	iii. 38.	xvi. 44.	vii. 16.	viii. 22.
xxi. day	iii. 41.	xvi. 38.	vii. 22.	viii. 19.

The i. day faire. ii.iii.(☍ ♄☿, □ ♅☽)iiii.v.often raine, & some windes. vi.vii.fayre. viii.wette. ix.x.xi.(✶ ♅☿) xii. xiii.xiiii.hot dayes. xv.heat drops. xvi.cooling. xvii.xviii.hot. xix.(▨ ♅☉, △ ♅☿) xx.(☍ ♄☽) like to thunder & lighten. xxi.xxii.hot. xxiii.xxiiii.xxv.heate drops. xxvi.xxvii.xxviii.hotte and dry. xxix.(☍ ♄☉) hayle, and likelihood of low thunder. The last day faire.

July.

Dayes.	Sunne rysing. Ho. min.	Length of day. Hor. min.	Length of night. Hor. min.	Sunne setting. Hor. min.
ii. day,	iii. 40.	xvi. 24.	vii. 36.	viii. 12.
x. day,	iii. 59.	xvi. 2.	vii. 58.	viii. 1.
xx. day,	iiii. 17.	xv. 36.	viii. 24.	vii. 43.

The first day riseth Cingulli Orionis: if it raine this day, so will it most for iiii weekes. The i. and ii. dayes, cold and windie, (□ ♅☿.) iii.& iiii.hot. v.vi.(☍ ♄☿) winds & great shewers. vii.viii.ix.x.xi.faire and hot. xii.xiii.xiiii. (☌☉☿) xv. (☌☽☿) xvi.more coole and windy then other. xvii.faire. xviii.(☌☽☉) thunder and lightning. xix.hot. xx. heat drops. xxi.(△ ♄☿) xxii.(△ ♅☉)xxiii.xxiiii.xxv.fayre. xxvi.cooling heat drops. xxvii.xxviii.xxix.xxx.xxxi.fayre.

Aug.

August.

Dayes	Sunne ryſing. Hor. min.	Length of day. Hor. min.	Length of night. Hora. min.	Sunne ſetting. Hor. min.
i. day,	iiii. 22.	xv. 16.	viii. 44.	vii. 38.
xi. day,	iiii. 52.	xiiii. 18.	ix. 42.	vii. 8.
xx. day,	v. 8.	xiii. 44.	x. 16.	vi. 52.

THe i. day ſome cooling dyops. ii. faire. The iii. the Eagle ſets Coſmicall. Pro. ſayth, ths South winds blow for xxi. dayes: called Eteſiæ of Card. The iiii. v. vi. vii. hot weather. viii. more coole. ix. x. (☌ ☿ ☿) xi. vii. fayre. The xiii. the great Dogge riſeth Heliacall: if the heauen appeare darke and cloudy, it threatens the Peſtilence, and heauie times: if cleere, health. &c. Cic. in. 1. de Diuin. xiii. (♎ ♄ ☿) ſundaine ſhewers. xv. ſo to xvi. xvii. xviii. xix. xx. xxi. xxii. fayre and hotte. xxiii. great windes. xxiiii. xxv. xxvi. xxvii. (△ ♃ ☉) xxviii. fayre weather. xxix. xxx. more coole, and ſome ſmall dyops. xxxi. fayre.

September.

i. day,	v. 35.	vi. 52.	xii. 8.	vi. 25.
xiii. day,	vi. 0.	xii. 0.	xii. 0.	vi. 0.
xxiii. da.	vi. 19.	xii. 22.	xii. 38.	v. 41.

THe i. ii. iii. (✶ ♂ ☿) faire. iiii. moyſt. v. vi. fayre. vii. raine or cloudy. viii. ix. x. xi. fayre. xii. xiii. windy, & ſome ſmall raine. (□ ♃ ☿) xiiii. indifferent. xv. xvi. (△ ♄ ♐ : ♂ ☉ ☿) moyſt winds. xvii. windy (♂ ♃ ☉.) xviii. xix. xx. xxi. not much declyning from fayre. xxii. ſomewhat wet. xxiii. xxiiii. fayre dayes. xxv. a litle morning froſt. xxvi. (✶ ☿ ☿ : □ ♄ ☉) coole raine. xxvii. xxviii. fayrer. xxix. (△ ♃ ☿) xxx. ſomwhat cloudy if not wet.

October.

ii. day,	vi. 38.	v. 44.	xii. 16.	v. 22.
xi. day,	vi. 57.	v. 6.	xii. 54.	v. 3.
xx. day,	vii. 15.	ix. 30.	xiiii. 30.	iiii. 15.

The firſt day temperate. ii.(☌☿♀)great winds, with a litle froſt in ỹ morning. iii. iiii. v. faire. vi. cloudy. vii. viii. faire, ix. morning froſts and ſmall inſuing windes. x. xi. xii. faire. xiii.(□♄☿) xv.(✶☿☽:☍♃♂) xiiii. winds, & oft wet. xv. more faire. xvi. morning froſt. xvii. xviii. xix. xx. faire for Harueſt xxi. wet. xxii. faire. xxiii. a litle hoze froſt. xxiiii. & xv. South wind. The xxvi. Orions left foote ſets Cosmicall, great raine, Ptol. xxvii. fayre. xxviii.(✶♄☉) cloudy. xxix. ſmal froſt. The reſt faire.

Nouember.

Dayes	Sunne ryſing. Ho. min.	Length of day. Hora. min.	Length of night. Hora. min.	Sunne ſetting. Ho. min.
Firſt.	vii. 37.	viii. 46.	xv. 14.	iiii. 23.
xii day	vii. 52.	viii. 16.	xv. 44.	iiii. 8.
xvi. day	viii. 9.	viii. 42.	xvi. 18.	iii 51.

The i. day fayre. ii.(✶☽☿) iii. reaſonable calme ayre. iiii. cloudy. v faire and temperate. vi ſome froſts. vii.(□♄☽:☌☉☿) windy & wet. viii. ix. x.(△♃♀) The xi the 7. Stars ſet Coſmi. Stad If then the heauens be cloudy, it denunciats a windy Winter: if not: (as ſo likely) rough & ſharpe, yet no great wind for xviii. dayes: thoſe be called Halcyon, or Dies Nicolai, by Cardanes. xii. xiii. cloudy. xiiii. xv. xvi. fayre. xvii. xviii. more darke. xix. ſmall hoze froſts. xx. xxi. xxii. xxiii. faire. xxv. darke and cloudy. xxvi. froſtes. xxvii. faire,(✶♃☿.) xxviii (✶☽☿:☌☿♀:□♃☿) likly faire, vnleſſe Veans fall ſome moyſture downe. The reſt faire.

December.

ii. day,	viii.	19.	vii.	22.	xvi.	38.	iii. 41.
xii day	viii.	22.	vii.	16.	xvi.	44.	iii. 38.
xxi. day	viii.	19.	vii.	22.	xvi.	38	iii. 41.

The i. day warme. ii. ſome raine. iii. froſt. iiii. not much turbulent. v. vi.(☌☉☿) wet. vii. faire. viii. cloudy. ix. fayre x. xi. froſts, with ſmall inſuing winds. xii.(☐♃☉) xiii.(☌♄☿) windy. xiiii. cloudy. xv. xvi. faire, but ſome froſtes. xvii. xviii. xix. moſt faire. xx. xxi. Idem. xxii. cloudy. xxiii. faire. xxiiii. froſt, with often wind. xxv. xxvi. xxvii. reaſonable fayre. xxviii. wet. xxix. xxx. faire. xxxi. (✶☌☉) froſts, with often wind.

Of the apparent or ſeene riſing & ſetting of the *Five wandering Planets aboue our Horizon: and* how they are ſeated in our Hemiſpheare after Sunne ſetting; with the ſigne and degree they be in: as alſo when other fixed Starres ſhall be vpon, or touch nocturnally the Meridian or South poynt in SALLOP.

Ianuarie.

SAturne in Capricorne ♑ 11. deg. Iupiter in Piſces 2. deg. Mars in Piſces 17 deg. Venus in Capri. 8. deg. Mercury in Aqua. 8. deg.

Iupiter and Venus, thoſe two benenolent Conſtellations are ſeene Eaſt Southeaſt a quarter before Sunne ryſing.

Mars ſouth at Sun ſet: ſetting halfe an houre before. x. at night.

Mercurie ſetteth after Iupiter.

Canis maior, is South at xi. 4. min. & Canis minor at xi. 22. min. both in the euening.

Oculus Tauri, is South at viii. 52. min: and Cornu Arietis at vi. 28 min. in the euening.

Februarie.

SAturne in Capri. 13. deg. Iupiter in Piſces 9. deg. Mars in Aries 10. deg. Venus in Aquari 17. deg. Mercury in Aquari 1. degree.

Saturne ryſeth Southeaſt and by Eaſt at vi. in the morning.

Iupiter is Southweſt at Sunne ſet: ſetting paſt vi. at night.

Mars ſheweth Southſouthweſt at Sunne ſet: ſetting neere x. at night.

Venus Combuſt: Mercurie ryſing an houre before the Sunne.

Occulus Tauri, is South at vi. 52. min: and Canis maior at ix. 4. min. in the euening.

Cor Leonis is South at xii. 13. min: and Spica virginis at iii. 51. min: both in the morning.

March.

Saturne in Capir. 17. deg. Iupiter in Piſces 16. deg. Mars in Taurus 20. deg. Venus in Piſces 22. deg. Mercury in Aquari 28 degre.

Saturne riſe a quarter before iiii. Southeaſt: by eaſt in morning.

Iupiter & Venus neeare the Sunne. Mercury ſeene Eaſt and by South.

South halfe an houre before vii. in the morning.
Canis maior South at vii. 4. m. & Cor Leonis at xi. 13. m. in ỹ euen.
Spica Virginis South at i. 51. min: and Caput Herculi at iii. 14. min. in the morning.

Aprill.

Saturne in Capri. 19. deg. Iupiter in Pisces 22. deg. Mars in Tau. 22. deg. Venus in Taurus 0. deg. Mercury in Aries 25. degree.
Saturne is seene rising in ỹ morning southeast & by East before it.
Iupiter riseth halfe an houre before iii. in the morning.
Mars is Southwest after Sunne set: setting at x. at night.
Venus is ne wly our bright euening Starre, seene west at sun set.
Cor Leonis South at viii. 14. min. Cauda Leonis at ix. 24. min. in the euening.
Cor Scorpij South at ii. and 54. min. in the morning.

May.

Saturne in Capri. 19. deg. Iupiter in Aries 0. deg. Mars in Gemini 13. deg. Venus in Gemini 7. deg. Mercury in Gemini 10. deg.
Saturne rise. at midnight: Iupiter east a quarter before iii. in morn.
Mars, Venus, and Mercury, are seene West-ward at Sunne set: Mars foremost till the xv. day seene first: then Venus, resting our bright glorious Euening Starre, seene at ix. at night.
Spica Virginis is South at ix. 51. min. at night. Aquila at iii. in the morning.

Iune.

Saturne in Caprico. 18 deg. Iupiter in Aries 5. deg. Mars in Cancer 3. degr. Venus in Cancer 14. degr. Mercury in Gemini 0. deg.
Saturne riseth before x. at night: for it dayes seene more ỹ 9 houre.
Iupiter is faire and bright at one in the morning.
Mars setteth after the Sunne. Mercury Combust.
Venus is our bright Euening Starre till x. at night.
Cor Scorpij South at x. 54. min. in the morne. Aquila at two in the morning.

Iuly.

Saturne in Capri. 15. deg. Iupiter in Aries 8. deg. Mars in Cancer 23. deg. Venus in Leo 20. deg. Mercury in Cancer 6. degree.
Saturne riseth Acronicall at Sunne set. Iupiter halfe an houre be-

fore

fore midnight, East and by North. Mars sets Acronicall.
Mercury rise before the Sunne. Venus is glorious in ỹ euening, till x. at night, seene West at sunne set.
Hercules Head South at x. 14. min. in the euening.
The Flying Eagle, South at 19. min. after midnight.

August.

Saturne in Capri. 13. deg. Iupiter in Aries 8. deg. Mars in Leo 13. deg. Venus in Virgo 27. deg. Mercury in Virgo 4. degree.

Saturne is Southeast & by South at Sunne set: seene till past one in the morning.
Iupiter rise East & by North at ix. at night. Mars rise Cosmicall.
Venus sets West neere ix. at night: seene West Southwest at Sunne set.
Mercury setteth an houre and halfe after Venus.
Vulture Volans south at x. 19. min. Cauda Delphini at xi. 12. min. both before midnight.

September.

Saturne in Capri. 12. deg. Iupiter in Aries 5. deg. Mars in Virgo 3. deg. Venus in Scorpio 2. deg. Mercury in Libra 10. degree.

Saturne is South and by East at Sunne set: setteth a quarter after ix. at night.
Iupiter riseth East at vii. at night: Mars an houre before ỹ Sun.
Venus is Southwest & by West at Sun set, seene glorious till viii. at night.
Mercury ryseth West an houre before the Sunne.
Aquila, south at viii. 19. min. Dolphins tayle at ix. 12 min. at night

October.

Saturne in Capri. 12. deg. Iupiter in Aries 1. deg. Mars in Virgo 22. deg. Venus in Sagittari 3. deg. Mercury in Aqua. 1. degree.

Saturne is South at Sunne sett, seene till halfe an houre after ix.
Iupiter riseth East before v. at night, seene East and by South at Sunne sett.
Mars riseth Northeast & by East a quarter before iiii. in ỹ morne.
Venus is Southwest & by South at Sunne set: setting a quarters past vii. at night.

Mercury

Mercury is seene in the morning, an houre before the Sunne.
Aquila south at vi.19.m. Cauda Cæti at r.12.m. both in ỳ euening.
Cornu arietis, South 28. min. after midnight: and Oculus Tauri at 52. min. after midnight.

November.

Saturne in Capri.14.deg. Iupiter in Pisces 29.deg. Mars in Libra 11.deg. Venus in Sagit.27.deg. Mercury in Scorpio 13.degree.
Saturne is south & by west at Sun set: sets a quarter before viii.
Iupiter is East Southeast at Sun set: sets at iii. in ỳ morning.
Venus is South Southwest at Sunne set: setting halfe an houre after vi. at night, keeping her wonted glory.
Oculus Tauri sou.52.m. after midnight: Canis maior at iii.4.m.
Canis minor or Algomesa, at iiii. all in the morning.

December.

Saturne in Capri.17.deg. Iupiter in Pisces 29.deg. Mars in Scorpio 1.deg. Venus in Sagit 27.deg. Mercury in Capri.3.degree.
Saturne South South west at Sunne set: sets neere vi. at night.
Iupiter is South east at Sun set: setting at one after midnight.
Mars rise East and by South a quarter before iiii. in ỳ morning.
Venus runs Ret. & within 3. or 4. daies couered with sunbeames.
Oculus Tauri is South at r. 52. min. in the euening.
Canis maior South at one and 4. min. and Canis minor at ii.
Oculus Tauri or the Bulls eye, is South alwayes, not passing three quarters of an houre after the vii. Starres.

Now by knowing of these Starres comming to the South, and knowing likewise the South; you may know the hower of the night: or by knowing the South, & hower; you may learne to know the Starres: or by knowing the Starre & hower, you may find the South: or, thus you may find the South: Behold the North-pole (which you may know by the two Starres of Charles-waine, or the greater Beare: for they be neere in a right lyne with the Pole starre, pointing towards him alwayes: these two starres are called of the countrey men the Wheeles of the Wagon: but of the Mariners, the Guardes. Now hauing found the North-pole turne your backe direct towards the same, so both your face behold the iust south; where you may see what Starres be there, and so know the hower by the starres: then your left hand is the East, your right the West.

A short Theorax of the Moone, opening many secrets to enlighten vulgar admiration: written at the request of many my endered friendes.

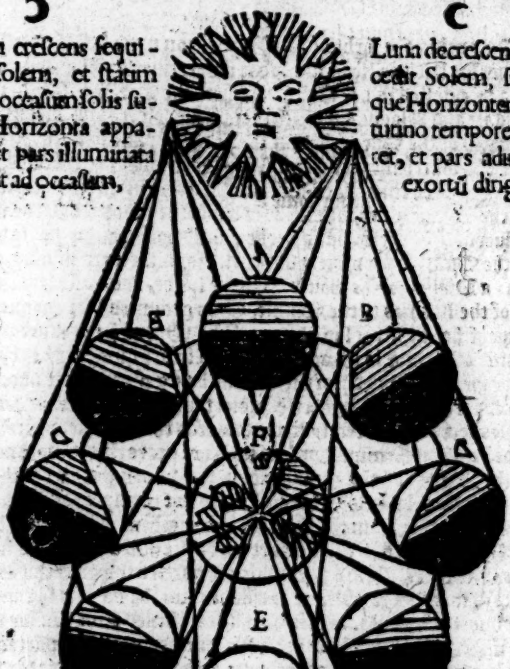
COncerning the light of the Moone, you must first understand, that she hath no light but what she receiueth of the Sunne: as is manifested in her Eclipse, where the Earth being betwixt the Sunne and Moone directly placed, shadoweth and bereaueth off the beames of the Sunne, so that they cannot passe to the body of the Moone: by which meanes her light is taken away, and her body darkned, vntill such time that the Earth (by their motion) is put trō betwixt the Sunne & her, wherby it is apparent that the Moone is not translucent of her selfe, but a darke & solid body, hauing no light but what the Sunne doth proiect vnto her: for if she were shining of her selfe as a Diamond, she would retayne light, not withstanding the want of the beames of the Sunne. This graunted: for vnequall receiuing of her light, I say thus. The Moone hath alwayes one quantitie of light, & is as much lightned in her quarter as in the full, (vnlesse she be Eclipsed) for the Sunne being placed farre aboue the Moone, doth alwayes lighten & proiect his beames to that halfe of the Moone, as doth directly looke towards the Sunne, whereby the Moone being in Coniunction, as in A. or neare thereunto, onely receiueth the light of the Sunne vpon the vpper part of her body, keeping it from vs below, because she is not transparent: Then the Moone departing from the Sunne, leauing him on the West side, as in B. we begin to see some part of the lightned halfe of her bodie, because that lightned part which is averted towards the Sunne, begins to turne more oblique and slope towards vs, and so comming to the quarter, as in D. we see her halfe lightned: for then we see her halfe lightned moetie, and her halfe darkned moetie, parted by a right Line: which if you aske why it is a right Line, since we say she is a round body? Maisters of Perspective answere thus: That if a Circle be turned edgeleng toward ones eye, that it appeareth to the sight no Circle, but a straight Line. 22. Theoreme of Euclides Perspective. But now when she commeth to Opposition or Full, as in E. wee see the whole lightned halfe of her body, because then we standing on the Earth, which is represented by F. are betwixt the Sunne and Moone, whereby we see all that halfe of the Moone which is lightned and turned towards the Sunne, in so much that she appeares round, although her body be no more lightned then she was at any other time, as you may plainely perceiue by the insuing figure.

Solis

Solis et Lunæ Coniunctio. Typus Authore Sculptus.

☽ Luna crescens sequitur solem, et statim post occasum solis supra Horizontem apparet, et pars illuminata vergit ad occasum,

☾ Luna decrescens præcedit Solem, superque Horizontem matutino tempore apparet, et pars adusta ad exortū dirigitur.



Oppositio Solis et Lunæ: or Full Moone.

Semper enim pars Lunæ illuminata respicit Solem. Note the blacke is the backed halfe of the Moone: that which is shadowed with lines, together with the white, is the lightned halfe, beholding the Sunne. We onely seeing but so much light as is white, as is plaine by the running of lines from the Earth to the Moone.

The

The Countrey men seeme to prognosticate by the hanging of the hornes of the Moone: which to satisfie all men, I will briefly shew the reason why her hornes hang sometime one way, sometimes another. After the New Moone, when you see her hornes right one ouer an other by a perpendiculer line, the reason is, the Moone is 90. degrees off the Ecliptick aboue the Horizon, arguing faire weather: but if the vpper horne do more incline vnto the East then the lower horne doth, the reason of that is, because the Moone is short of 90. degrees: But if the vpper horne inclin more into the West then the lower, then the Moone is more then 90. deg. off the Ecliptick. I meane not such degrees of altitude which are taken by the Quadrant or Staffe. &c. representing some Azimuth, but her distaunce on the Ecliptick from the Horizon.

The causes why the Moone is sooner seene, or later, after her being with the Sunne.

ALthough Alexandrinus, Theon. and others, do appoynt the arch of vision for the Moone to be 12. deg. off the Equinoctial: yet that is not alwayes certaine, but more at one time then another, for the Moone after her Coniuction, doth shew her selfe sometime sooner, sometime later, which we may well reduce into 3. causes: that is by reason of the inclination of the Zodiacke to the Horizon: of her Latitude from the Ecliptick: and of the swiftnes of her true mooning. Now to giue a reason to these three causes: First, by reason of the inclination of the Zodiacke, I say she appeareth sooner, while she is in that part of the Zodiacke which is called the Ascending part, or the halfe of the long Discention, which we count from the beginning of Capricor. to the end of Gemini: then when she is in the other halfe of the short Discention, which is from Cancer to Capricorne: the reason is, because then the Moone goeth downe later, and not before the Sunne be deepely hidden vnder the Horizon, whereby there is a greater twilight meane.

In respect of her Latitude, (I say) the more North Latitude the Moone hath, the slower she goeth downe: and by the same reason may we inferre, that she is thereby the sooner seene, especially to such as inhabite in the temperate Zone, as betwixt the Tropicke of Cancer, and the Circle Articke, as we in England do. &c.

In respect of the swiftnesse of her true mooning, so that I say, that she is sooner seene in her swift motion, then in her slow.

Now when all these three forenamed causes do concurre, it is possible to see her the same day the Change was on: but those three causes

cauſes are ſeldome ſeene to happen, eſpecially to Regions having much Northy Lattitude.

If two of the three ſoreſayd cauſes do concurre, it is poſsible to ſee her in 24. houres after the Coniunction: which falleth out from January to June, becauſe during that time, ſhe hath Northy declination off the Sunne, making a greater Arch then the Sunne. But when there doth but one of theſe three cauſes happen, ſhe is not ſeene vntil three dayes after the Change: and this commonly falleth out from July to December, becauſe ſhe hath South declination off the Sun.

But if it fortune that ſhe be in the Deſcending halfe of the Zodiacke, and therewithall haue South Lattitude, & in her ſlow motion, ſhee ſhall hardly be ſeene within 4. dayes after the Change.

Of the Priming of the Moone.

SOme giue a Denomination to the Moone, which they call Priming: in which how falſely ſo euer the Countrey men reckon it to be the firſt day after the Change, it is but 3. dayes and 18. houres after, which is the halfe quarter of the Moone. The Seamen call it the Prime day, becauſe the Moone is then 4. poynts Eaſtwarde of the Sunne, which is 3. houres: for to euery poynt of the Compaſſe, is attributed three quarters of an houre.

Of the Arch of Viſion.

As touching this Arch of viſion, or appearing of the Planets after they haue been in Coniunction with the Sunne, although it be thus vncertaine in the Moone, yet for other Planets & fyxed Starres, it is certaine: which in each Starre is greater or leſſer, according to the bignelle of the Starre: which is after ſet downe. But firſt I will ſhew what the Arch of viſion is: It is a portion of an Azimuth, or as ſome ſay, a Verticall Circle. (for all is one) included betwixt the Horizon and the Sunne, at ſuch time the Starre beginneth fyrſt to appeare, or leaueth to be ſeene: for then ſhe leaueth, or beginneth to be Combuſt, or vnder the Sunne beames.

The arch of Viſion for Starres of the	fyrſt	Magnitude, containes degrees	12	Saturne	is not ſeene till he be from the Sunne degrees
	ſecond		13	Iupiter	11.
	third		14	Mars	10.
	fourth		15	Venus	11½.
	fifth		16	Sunne	5.
	ſixth		17	Mercury	10.

For any Starre leſſe then the 6. Magnitude, there is appointed 18. degrees, and ſo farre muſt they be from the Sunne, before they can be ſeene: and when the Sunne is ſo many degrees vnder the Horizon in the morning, it is the beginning of day-light, and in the euening, the ending of twilight.

And

And since I haue spoken of the Latitude of the Moone, I will briefly giue a note thereof. The Moone hath two maner of Latitudes: the one from the Ecliptick, which is neuer aboue 5. deg. The other from ỹ Equinoctiall, which may be 28 deg. & a halfe. But howsoeuer this denomination of Latitude hath been vsed with the Astronomers, in all other Starres respecting their distance from the Equinoctiall, it is alwayes called their Declination, vnlesse we would speake it Cosmographicall, for the situation of Townes: and therefore mee thinkes it might more aptly be called her Declination from the Equinoctiall: which taken either of the wayes, exceedes the Sunnes greatest Declination 5. deg. 2. min. in these dayes: so that we may conclude thereby, that the Moone goeth more into ỹ North or South, then the Sunne, by 5. deg. 2. min: which happeneth most when the Prime is one and the Auge in Aries: for the Prime being betwixt 9. or 10. the Moone goeth not aboue 18. deg. and a halfe from either side of the Equinoctiall.

Concerning the motion of the Moone, they are so many and diuers, that I must leaue them to a more larger Volume, which I promised the last yeare, and will (God willing) performe as speedily as possible I may: but these things I recited here, because they be questions among euery common sort of men, who can speake of the Effects, but woonder at the Cause: which I haue endeuored to acquaint them with.

Os homini sublime dedit, Cælumque videre
Iussit, et erectos ad sydera tollere vultus.

A note of the Eclipses of the Sunne.

THe Eclipse of the Sunne, is no other thing, but the shadowing of his light from our sight: which commeth to passe by the interposition of the body of the Moone betwixt the Sunne and our sight, as if you should hide the light of a Candle from your eye with your hand, there the Candle loseth not his light, but we lose the sight of the same vntill that which shadowed it be taken away: and so the Sunne keepeth his light alwayes, though we loose the same vntill the body of the Moone be remoued

moued from betwixt our sight & the Sunne. Now this Eclipse neuer happeneth but when the Moone and Sunne, are seene in one visible Coniunction: For you must note, that there be three kindes of Coniunctions, meand, true, & visible: and this visible Coniunction is, when a right lyne is drawne from our sight, through the Center of the Moone to the Center of the Sunne, whereby the two Planets appeare to our sight to be in one poynt of the Ecliptycke: for though the Center of ỹ Moone be betwixt the Center of the Sunne & Earth, at euery true Coniunction, and also neere to the Nodes, yet perhappes it will appeare no Eclipse to our sight, because the two Planets be not in a visible Coniunction, by reason of ỹ Moones Paralax, whereon dependeth the knowledge of the Eclipses: And you must imagine that the body of the Moone cannot shadow all the Earth at once, because the Earth is bigger then the Moone farre, as before: so may the Eclipse of the Sunne chance to one part of the Earth, and not to another part, because his body is farre bigger then the Earth or Moone, whereby the Moone can but hide the light of the Sunne from some part of the Earth.

And you must note, that there can be no Eclipse, but neere the head or tayle of the Dragon. And of the Sunne, alwayes at the New Moone: and therefore the Eclipse which was at the death of Christ, was miraculous, because it happened at the Full Moone: and therefore Dionysius cryed out, thus.

Aut Deus naturæ patitur, aut mundi machina dissoluitur.

FINIS.

Spernant me nulli, quamuis sim corpore paruus:
Ni simul ingrati spernere magna velint.

Non Dolio, sed Lupilo in Dolio refocillantur.